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METEOROLOGICAL DATA REPORT 14823B Lance Missile Number 4583, Round Number 386 APL, 4 May 1983

by

DONALD C. KELLER Program Support Coordinator Phone Number (505) 679-9568 AVN Number 349-9568

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20. ABSTRACT (Continue on reverse elds if necessary and identity by block number) Meteorological data gathered for the launching of t Number 4583, Round Number 386 APL, are presented i	the 14823B Lance, Missile n tabular form.

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#### INTRODUCTION

14823B Lance, Missile Number 4583, Round Number 386 APL, was launched from LC-39, White Sands Missile Range (WSMR), New Mexico, at 0807:28 MDT, 4 May 1983. The scheduled launch time was 0800 MDT.

#### DISCUSSION

Meteorological data were recorded and reduced by the White Sands Meteorological Team, Atmospheric Sciences Laboratory (ASL), White Sands Missile Rage, New Mexico. The data were obtained by the following methods:

#### 1. Observations

- a. Surface
- (1) Standard surface observations to include pressure, temperature ( $^{\circ}$ C), relative humidity, dew point ( $^{\circ}$ C), density (gm/m $^{3}$ ), wind direction and speed, and cloud cover were made at the LC-39 Met Site at T-0 minutes.
- (2) Monitor of wind speed and direction from one anemometer was provided in the launch control room.
  - b. Upper Air
- (1) Low level wind data were obtained from RAPTS T-9 pibal observation at:

#### SITE AND ALTITUDE LC-36 2760 Meters

(2) Air structure data (rawinsonde) were collected at the following Met Sites. Data were collected from surface to high as possible feet in 500-feet increments.

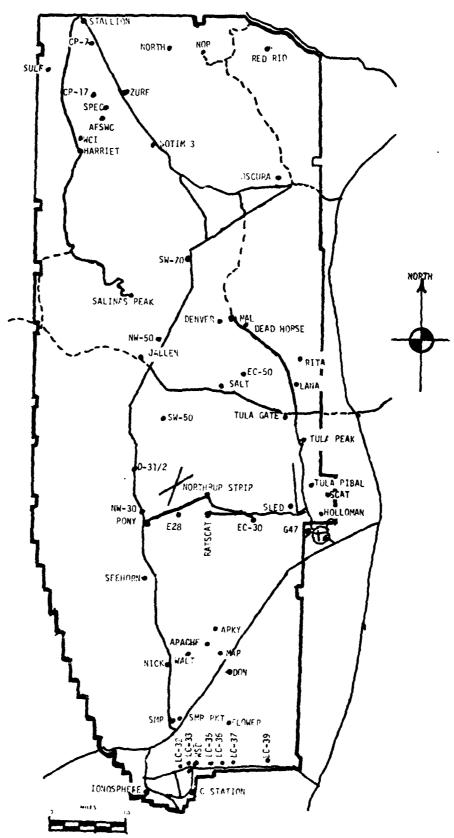
#### SITE AND TIME

WSD 0807 MDT Holloman 0900 MDT JALLEN 0830 MDT





#### WSMR METEOROLOGICAL SITES



PROJECT SURFACE OBSERVATION

TABLE 1								STATION LC-39	-39		
DATE 04	May 83	83 VEAU	1					X= 530,938.82 Y= 186,564.96 H= 4063.75	2 Y= 1	86,564,96 н	= 4063.75
E E E E E E E E E E E E E E E E E E E	PRESSURE mbs	op do	747 UPE 90	E E E E	POINT	PELATIVE HUMIDITY %	DE#SIJY gm/m2	DIRECTION SPEED degs In kts	WIND SPEED Kts	CHARACTER kts	VISIBIL- ITY
0807	8781		14.2		-1.6	-1.6 33		020	03		20
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					CLOUDS					
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TATION						
IC COMPU	0807	14.2	9*9	9.7	-1.6	33
PSYCHROMETRIC COMPUTATION	TIME: MDT	DRY BULB TEI'P.	WET BULB TEIP.	WET BULB DEPR.	DEW POINT	DEL ATTVE MINTO

#### PILOT BALLOON MEASURED WIND DATA

TABLE 2	•			
RELEASED FROM LC-3	04 DATE 04	May 1983	TIME_C	750
COORD	INATES (WSTM) X= 504	,466.00 Y= 1	90,732.16 H=	4037.21
NOTE: WIND DIRECTIO	NS ARE REFERENCED TO _	•		
HEIGHTS ARE METERS A	GLOR FEET AGL	·		

HEIGHT AGL	DIRECTION DEGREES	SPEED KNOTS
SFC	020	03
60	342	04
120	344	09
180	004	09
240	360	04
300	360	01
360	188	04
420	184	06
480	190	06
540	186	07
600	218	05
660	231	04
720	228	04
780	213	03
340	218	03
900	228	03
960	235	03
1020	242	03
1080	251	03
1140	233	03
1200	228	05
1260	228	05
1 320	212	05
1380	225	06
1420	226	06
1 500	222	07
1560	224	08
1620	225	09

HEIGHT AGL	DIRECTION DEGREES	SPEED KNOTS
1680	226	09
1740	227	11
1800	229	13
1860	233	14
1920	232	14
1980	233	15
2040	234	14
2100	237	13
2160	242	14
2220	250	12
2280	246	12
2340	248	14
2400	262	11
2460	254	13
2520	258	13
2580	258	15
2640	260	20
2700	258	22
2760	255	22
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HEIGHT	DIRECTION	SPEED KNOTS
AGL	DEGREES	KN012
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#### PILUI BALLUUN MEASURED WIND DATA

TABLE	3	-									
RELEASED	FROM LC-	-36		DATE	04 May 83	· · · · · · · · · · · · · · · · · · ·		<del></del>	_TIME	0807	·
	COOR	RDINATES	(WSTM	ı) X=	504,466.00	Y=	190	732.16	H=	4037	.21
NOTE: W	IND DIRECTI	ONS ARE	REFER	ENCED	то	•					
HEIGHTS	ARE METERS	AGL	OR FEE	T AGL_	·						
HEIGHT AGL	DIRECTION DEGREES	SPEED   KNOTS	1	IGHT	DIRECTION DEGREES	SPEED KNOTS	!	HEIGHT AGL	DI REC DEGREI		SPEED KNOTS
SFC	020	03	1	580	218	11					
60	353	ΠΔ	1	7 <b>4</b> 0	223	12					

HEIGHT	DIRECTION	SPEED
AGL SFC	DEGREES 020	KNOTS 03
60	353	04
120	349	07
180	005	08
240	005	05
300	360	02
360	205	02
420	180	05
480	180	06
5 40	193	05
600	210	04
6 60	194	04
720	212	05
780	205	05
840	194	04
900	201	04
960	201	05
1020	203	04
1080	228	06
1140	218	05
1200	210	06
1260	207	07
1320	232	05
1380	200	05
1420	219	07
1500	211	08
1560	217	09
1620	206	09

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HEIGHT AGL	DIRECTION DEGREES	SPEED KNOTS
1680	218	11
1740	223	12
1800	226	14
1800	225	13
1920	230	15
1980	227	15
2040	234	15
2100	234	15
2160	238	16
2220	238	14
2280	240	15
2840	241	15
2400	253	16
2460	251	14
2520	256	17
2580	252	21
2640	252	21
2700	250	25
2760	253	26

HEIGHT AGL	DIRECTION DEGREES	SPEED KNOTS
<del></del>		<del></del>
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#### COMPUTER MET MESSAGE DATA 4 May 1983

WSD 0807	MDT	HOLLOMAN	0900 MDT	JALLEN 08	30 MDT
METCM1324	064	METCM1329	061	METCM1332	065
041410122	87 <b>8</b>	041500126	376	041450124	877
0 0640005	28610873	00320006	29130876	00071004	28810877
01006011	28630867	01 38 5 0 0 4	29080866	01028003	28730866
02335002	28980842	02312006	28970841	02425001	28730841
03370005	23860803	03370008	28710802	03393008	28590802
04365006	28420757	04401009	28320755	04411011	28210755
05401012	27970712	05451013	27860711	0 5459013	27750710
06415013	27490670	06468018	27420668	06473013	27330668
07457020	27130629	07456024	27090628	07452020	26980627
03474023	26930591	08467027	26990590	08460027	263 <b>5</b> 0539
09465027	26690554	<b>0947602</b> 8	26660553	09479029	26550552
10479035	26370520	10484032	26250519	10479032	26180513
11486036	26050487	11483039	25950486	11479038	25910485
12478048	25450441	12486044	25340440	12487040	25270439
13481066	24830385	13479073	24750384	13479069	24600383
14482076	24370335	14486084	24240334	14488085	21180333
15473098	23670291	a5473112	23670290	15474117	23640289
16463094	23010252	16468127	22950251	16465129	22920249
17472106	22250217	17475124	22280216	17470130	22210215
18484103	21510185	18481125	21520185	18477153	21440184
19477095	21150158	19476129	21120157	19475101	21120157
20477080	20840134	20479084	20920134	20474116	20930133
21485080	20930114	21493074	21050114	21495058	21000113
22495058	20910097	22489076	20910097	22500057	21070096
23472066	20410082	23481076	20520082	23469073	20500082
24607010	20480070	24489037	20720070	24496052	20400069
25484022	21030059	25517006	21180059	25552011	21160059
26053 <b>007</b>	21340051	26548003	21420051	26057006	21340050

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STATION ALITMA CANAGO E, EL MOL	4 N.CY	713 - 00 0 TSL 1354

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TABLE 5

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611.5	6167.3	15.5	/•-	53.0
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### 5 Cont'd TABLE

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TERPENTONE ATR DEWEGINI LEAPERS CENTIONALE	-f 3+B	1.3.8	-71.6	-71.6	-69.3	1.53.1	-1,0.3	7.00.1	-6.7.5	-6.4.6	1, 2 , n	-117.2	
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7.000	(BC+0	15.0	~ · c =	34.11	954.7		205.0	5.7	1.000237	
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ou000	1.001	10.6	-11-1	34.3	7.62n		205.5	6.3	1.000228	
8500.4	144.4	• •	⊕•5-	\$5.00	910.8		210.8	7.3		
9000.	131.4	ლ.	0.01	36.5	3.400	4.55.4	217.4	8.9	1.00020	
750n.n	710.1	2.0	6,00	37.1	4.268	052.3	223.0	10.7	1.000216	
0.0000	(no.)	5.3	6.4	37.4	4.084	050.7	227.4	12.6		
1.0000.1	6.76.1	ر. د	)• ( <b>-</b>	3,48,3	868.1	0.640	249.1	13.4	1.000209	
U*000TT	1.6/9	2.0	1.::[-	34.8	857.1	047.3	251.4	14.0	1.000203	
150n.	r. nga	<b>း</b>	ુ•11 <b>-</b>	39.8	345.0	0.13.5	237.8	14.0	1 • • • • • • • • • • • • • • • • • • •	
121000	1000	n ·	0.61	30.7	834.4	040.0	244.7	15.0	1.000108	
0.800 0.000	041.6	٠ <u>٠</u>	-14.0	39.7	P22.2	h•>ha	251.0	17.4	1.000104	
15000.4	C. F. C. C.	-2.3	-16.49	34.0	8008	041.5	256.7	19.7	1.000189	
0.000	9-110	1.2.5.	/•ul-	28.1	794.4	1.1740	50105	21.7	1.000164	
0000	2 • D = 1		6.41.	25.8	7.0A7	9.040	265.9	22 • 1	1.000140	
360 g	294.0	6.00	2000	1.02	768.4		564.4	22.5	1.000177	
: • U )	1.0790	×	-21.7	25.1	756.3		560.9	23.n	1.000174	
15500.0	571.	5.5	-22•n	25.4	743.1		201.4	24.6	1.000171	
u • u • u	200.3	7-5-	1.02-	26.0	729.4		263.9	26.1	1.000168	
16507	7 • C ± C	-0-3	6.02-	26.3	718.0		267.9	27.6	1.000165	
	0.99	0.81	17.50	76.65	708.0		200.5	59.6	1.000163	
	0.000		1.1.2.	26.4	697.4		200.5	31.9	1.000160	
Lordina.	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2	-23.8	x • U.	J. C. P. C.		20B.6	35.1	1.000158	
20000		٠.	n•72.		6.73.0		208.5	37.1	1.900155	
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\*\* AT LEAST OIR ASSIMES HELVIIVE HIMINITT VALUE WAS ULED IN THE 1914 RPOLATIONS

5TA1100 JETTIUD 3994-	THUPL SE	99-19 F.F.T SL 0807 MDT		UPPLK AIN DATA 1240020215 HHIF SANCS	10.14 10.01 10.01		9F OPE TI	ETL COMPINATES
Water State of	• 65			TABLE 6	Cont'd		100	106.37033 1.00 016
oky et TRac	PPESSOURE	TE, PFRATURE		DEDSITA	Srifty of	WIND DAIM	у1	Trufx
AL 11 JOD. 	otelinaRo ot	ATR DEMPOLUT DECHGES CEMTISKADE	rerge 91	6-17C-1816	5011,0 21015	LIKECTION DEGREES (TW)	SPEEU RAJOTS	OF RFFRACTION
43500.	170.1	-6.0+3		270.3	260•u	271.9	99.5	1.000062
44000.3	160.6	-, 0.7		272.1		270.7	100.1	1.00006.1
44504.0	162.	1.2		260.1	5-190	3.60%	100.7	1 • nnn059
45000.0	150.0	-1.1.7		260.3	• •	208.7	100.9	1.000058
455000	154.0	1.53.1		2.54.0	965.69	208.0	100.0	1.000057
40500	180.0	W-031		7.646		267.2	6.37 6.37	1.00005
47000.	145.2	0.57 0.57		238.0		207.0	6.96	1.000053
47500.0	139.7	-64.3		233.1		201.3	92.2	1.000052
48000	130.3	165.2		220.3		201.0	87.5	1.000051
0.00304	130.0	1 O O		22.5.4		268.6	84.8	1.000650
0.00064	129.7	7.5.1		217.4		9.602	82.2	1.000048
49500.0	120.5	٣٠ <del></del>		211.0		270.2	81.3	1.0000.1
500000	120.4	で・オント		205.9		2/0.6	81.1	1.000046
2.0000c		1, 0 • E		?•00\		271.0	20°	1.000045
5100Fe	11/02	# · O · ·		#*Sc.1		271.4	79.B	1.00004
01000	114.5	1,3.13		190.7		2/1.7	76.9	1.00042
550035	103.1	0 = 0 = 0 = 1 = 1 = 1 = 1 = 1 = 1 = 1 =		131.1	26.3°	27.2.0	7.3.5	1.000041
5.000°	100.1	-6.3•B		177.0		2/4.1	9.69	1.000439
53500.0	10.0A	-63.B		172.7		275.4	63.5	1.000038
54000.0	101.3	-i,5.8		168.5		276.9	57.4	1.000038
0.000,90	€.06	-63.8		164.4		277.3	54.2	1.000037
0.000cc	9000	5.5.3		160.4		2,77.5	51.6	1.400036
55500.0	C•+6	E		156.5		76.4	51.6	1.400035
0.00000	7.16			155.2		2/3.7	55.8	1.000034
57060	0.70			2.00.1		5 040	2.110	1.000033
57500.5	80.00 7	8 · 2 · 1		7444	0000 00000	0.807	67.1	1.000033
שייטטאק,	82.9	5.8°5		141.4		201.1	67.2	1.000031
58500.0	80.9	b•69 <b>-</b>		178.6		207.2	59.9	1.000031
59000.6	70.A	6-04-		135.8		267.3	52.5	1.000030
59500.0	70.9	-71.6		132.9		209.3	<b>5.05</b>	1.000030
60000	74.9	-71.6		129.5		2/4.5	56.6	1 • 000029
6.000 6.000 6.000	7.5.7	-71.6		120.2	553-1	287.7	15.n	1.000028
00314	1 0	- U				200		130:00:41
0.00010 02000.0	6/•1	- F.60-1		115.9	557.5	253.5 298.9	17.5	1.000025
0.250C.0	0.00	-6.3.7		109.6		245.1)	28.9	1.00024
€54,0 <b>∩</b> •2	7. **	-1,2.4		100.0		0.612	30.9	1.000024

F. F. 1 MSL	0807 MDT
فالرية بالأد عالا	
741160 AL11140L 3339+30 F.F.1 M3L	1 JAY 113 KERIST JULATO - 215

VIND NIA DAIN

57411011 nL1	=	30.20 F. F. F. MSL 0807 MDT		1299020215 .HITE SAMUS	1.0 0.0		or 00∟11	9F 0DL 7 1 C C 00rd) HATE C 32+4 HP4 5 1 AT 1 L to
*2000 10 TS1735 W	.0.		TA	TABLE 6 (	Cont'd		1 o C .	186.37833 LOB 046
SFORETRAL ALLITONA MSL FLET	PPESSURE off.Lloaks	HOBERATONE ALC HEMPOLIT REPRES CENTICRAPE	RERCETT O	DFUSTTY GMZCUBIC '4. FEP	Set Eu De Sottan KNOLS	WIND GAIA GIRECTION SO	SPEEU KIOTS	THUFX OF REFERENTION
1,35,60	6.59	-r.1 · ń		103.5	260.7	275.3	49.1	1.000023
0.4000	6.1.3	5.07		100.5		272.8	58.5	1.000022
0.00v40	52.0	4.63-		9.70	569.5	273.3	50.5	1.000022
C. CHICO	ر. د.	-:03-3		45.2	9-699	272.0	36.5	1.00001
J*60GGa	61.5	2.6.1		93.0		2/8.6	26.0	1.00001
<b>ՆԻՍՍՍԵ</b>	50.7	7.9.5		9•0°		4.262	12.4	1.000020
C00000	က် နော် ()	0.01 0.01		Ad.c		25°4	9.5	1.000020
. · illu/o	, . , .	C • D · C ·		3 · 3 · 6		C • V • •	<b>D</b> •	610u0v•1
7.000.30 7.000.30	5.15 7.15	2.021		0 - 1 × 1	0.000 0.000 0.000	32.6 10.0		1.000019
00,00	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	F. 50 1		80.4		5.55.	9	1.000018
0.70.00°	40.2	ر. 9۰٬۱۳		78.5		300° A	0.7	1.000017
6.350P.F	0.10	n.73-		76.1		297.9	11.8	1.000017
70000	D • C #			74.1	572.5	293.6	12.8	1.000016
70500	44.7	-6.7.0		72.2		5.682	13.9	1.000016
71000	£ • 0 \$	1.0.3		70.5		7.407	14.9	1.00016
71,000	42.7			66.7	573.4	2,002	16.1	1.00015
72F00.E	41.7	50.3		67.1		<10°1	17.2	1.00015
75500°0	4C+3	1.0,1		4.00		7 (4.1	18.2	1.000015
7.5000.5	K. (V.)	5.0.1		5. 5.		271.7	19.2	.00001
7.560.0	36.9	1.5./		62.3		a•0,2	18.6	1.000014
741100.0	30.0	#.Q.		7.09		270.0	17.3	1.000014
7.4.,00.0	3/-1	٠٠٠, ١٠٠٠		3.65		207.5	15.9	1.000013
J.2000.0	30.5	2.5.1		57.6		269.1	15.2	1.000013
75500.65	3.00	こっさいし		4.0.		209.1	14.6	1.000013
<u></u>	34.0	٠,٠٠٠)		3°5°		569.0	13.6	1.000012
7.0000/ 2.000	)			33.c	570.h	1.69.	12.1	1.000012
0.00077	36.	1.0.1		€ • 5°		2.603	10.65 10.65	1.000012
5 40577	36.6	15.6.1 10.10 10.10		0.14		2003	د . د	1.00001
J. MOUS)	71.	***		4.7.		1.67%	•	1:00001
7ชรกก.ค	36.7	1.2.1		48.4		6.70	5.5	1.0000.1
790067	36.0	5.8.1		47.2		68.3	10.1	1.00001
795(10.6	23.3	-1,1-4		40.0	-	₽ <b>.</b> 80	14.9	1.000010
6.0000d	30.0 30.0	1.0.1-		Q • 7 1,		•	19.2	1.000010
にいっしょう	20.5	0. • C. ·		45.7		ອງ ອີງ ເຄື່ອ	20.4	1.000010
0.0001¢	0.12	9.6.11		42.0			21.6	1.000000
D.L.Surer	2002	0.61-		41.5				1.000000
84:000.0	3	#*B''-		40.5				1.0000
6250P.c	•			4.60				690000-1
Դ. ՈՈՈՆ.Կ	6.448	٠٠ ٢٠٠		36.4	5A5, 0			1.000049

13. OFILT RISE	15 0807 MDT	
16.5	<u>.</u>	
AL 11114	ر ع ا	
5TA1161	4 13.7 5	

KADOATORY LL VELS 1240020215 SHLIF SMIUS

9E0DETIL COOMDIMATES 52\*40043 LAT DEG 106+37033 LON DEG

## TABLE 7 Cont'd

PRESSURE (FOROTHALLA)	OPOLINIA	TEM ERATUPE	RATUPE	RF L. Hilling.	*Inu	_
		¥15	DEWFORMS	PERCENT	DIRECTION	
MILLIONS	FLET	DI SHILLS C	HILI GRADE		EGILLES (11.)	J KNOTS
1150+11	4.16.4	15+3	<b>→</b>	34.	2.862	1.0
or • 5 O ci	0,1,2.	14.5	-1.4	33.	207.4	5.7
755.	8325.	<b>д•</b> 6	7.4-	30.	207.9	<b>ಬ</b> ೆ೧
700.00	101.9.	۲•٠	-8.3	36.	228.2	14.9
0.360	12151.	٥ <b>.</b>	-12.8	40.	246.9	15.7
v•.ju9	14236.	- 3.5	-20.3	26.	200.1	7c.4
1.53.	16479.	-6.A	6*22-	20.	267.9	9.12
. • CO •	16898.	-10.0	-21.6	<b>•</b> 0 <b>†</b>	270.5	37.4
458.6	21516.	-17.0	-23.2	<b>6</b> 0.	270.0	43.8
100·	24374	2.11.5-	-29.0	• 1,9	269.5	65.5
450.0	27548.	-27.H	-41.1	20.	272.4	71.2
v•∪0¥	51135.	-34.9	6.911-	24.	267.1	93.2
256.4	35230.	-43-1			260.5	90,08
ა•∂0 <i>6</i>	40019	-5.4•6			266.7	92.5
175.0	42803.	2.09-			272.0	90.0
150.0	45992.	-62.7			207.4	100.2
125.0	49509	-64.6			270.4	81.2
100.	54097.	-63.A			277.2	55.7
0:0°	56527.	-70.3			267.2	57.1
76.3	61117.	-60.3			314.2	11.4
υ•υ <u></u>	64223.	-50.5			273-1	52.4
50°0	67966.	-50.7			359•9	0.0
C+17:5	72596.	-55.0			272.4	14.9
30.0	78697.	-52.0			68.2	9.6
25.0	82563.	-47.3				

1518 T 1 1 1 6	TOP O	
HUDL MIRKORY	080	. 10c
STATION ALITHDE MISHIFF FOR	4 MAY P.3	ASCEMS1,11 1.0.

A 1 A U	
STAULFICANT LEVEL	110LL011A11

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TABLE

9F 0Dr TJC, COGROJNATES 52-1-81865 1.AT DEG 106-119-165 1.0N DEG

_	PRESSURE	RE GLONETI IC	TEMPE	RATURE	R: 1. 11014.
<u>.</u>	STEL HIARS		U.	CENT LOKALIE	PEMCENI
	•	4126.6	17.8	13.0	144
	671.2	280		<b>8</b> 4 4 5 1	, 7
	•	_	16.7	0./-	
	17.7.8	7433.5	11.8	2.7	21.0
	700.0	10286.5	3.8	-11.7	•
	63A.4	12717.6	•	-23.3	•
	577.4	7.4 15331.4	•	-20.5	
	9 <b>.</b> 015	16032.1	•	-33.2	
	0.000	12001.0	12.	-55.5	
	٦٠[٦٠]	21024.6	17.	6.77-	0.00
	U * 7 * 1	21473.6	18.	-25.4	50.0
	453.6	22526.N		-25.2	
	0.004	24470.2	-25.6	-50.7	•
	390°2	25061.2	36.	4.46-	O. 33
	387.2	25245.2	•	-	
	57°, P	25959.0	-25+3	1.54-	
	528.0	29167.1	31.	9.07-	
	300.0	51231.7	•	•	
	27.5.7	53157.2	•	-53.8	19.0
	250.0	35343.7	0.44-		
	219.6	3n170.9	0.04-		
	20u•n	40175.1	-54.8		
	17k.6	42535.2	4.65-		
	164.2	44259.4	-62.0		
	150,0	46102.6	-62.2		
	132.8	48766.	6.114-		
	116.2	51271.9	-62.2		
	1000	54325.0	-63.5		
	8.3.8	56494.7	-65·1		
	76.08	60118.0	-71.1		
	ر. د	61431.9	-65.5		
	63.0	63509.0	-40.5		
	2.1.	÷	-62.2		
	•	25.	~		
	c	79105.2	8.15-		
	26.0	•	4.64-		
	ċ	73	-48.0		
	ئے	Š	-45.2		
	13.5	54.	r;		
	ċ	8	-39.0		

5747,000 ALTITU 4-0, Y - (3 6500, SE E - 00.	5741 jüli ALITTÜAL 4126 4-11, Y - (3 ASCELSEE 100, 100	26.559 FILLT 0900 MDT	ן: די דו		HPPER AIR DAIA 1240010105 HOLLOMAN	۸ ، ۱۸ ونال		νΕΟυ <u>ε</u> 11 32•	VEODETIC COOKNINALS 32-KAABS LAT DEG
					TABLE 9			106.	106•09965 LON DEG
GFORFTRAC ALTABOL MSL FEET	PPESSURE HILLIDARS	Teppi A tk DECRESS Q	TEST RATURE ATR DEMPOTAT DECRES CENTIGRADE	KEL. Min. PERCENT	UFUSITY S GM/C <sup>U</sup> PIL MLTER	SPEED OF SURIND NEOLS	MIND DAIA DIRECTION S DEGRESCIN) K	LA SPEEU KNOTS	TNUFX OF REFRACTION
4120.0	870.2	17.8	1.5-	24.0	1046.9	6,64,6	160.0		
4,200.0	B64.0	17.1	7.00	10.7	1035.9		0.58	0 4	002HQn•1
Sufa	とうながれ	16.7	0-2-	19.0	1019		188.5	0	8 th 2000 1 t
5500.0	H34+1	15.7	-7.0	19.4	1004.5		193.6	7.0	0200001
ວ • ບບບວ	819.1	14.7	- C -	۲ <b>۰</b> ۲	0.060	_	198.2	6.7	1.000236
0.060.0	Ant.	15.7	-8.7	20.5	975.7		2015.2	7.6	1.00023
/กกุ ,	796.1	12.7	٠٠-	20.6	961.6		8.50%	2 4	1.00020
7564.7	9.077	11.6	₽•6-	21.2	047.6	_	211.8	2	1.000205
3.0008	761.7	10.2	-10.0	23.0	935.1		218.7	a	1.00022
មិនពិពុ	74/08	8•В	-10.5	24.7	922.6		232.1	7.8	10000
900 <b>0.</b> 4	734.1	7.4	-10.0	26.5	910.2		245.3	0	1.00001
9560.0	720.6	0•0	-11.0	28.2	A96.1		4° 4°	27.11	1.000213
10000	y•/U/	4.6	-11.4	30.0	AB0.1	1.649	256.4	13.6	1.000210
10500	4•469	3•3	-12.7	6.62	H74.0	1,400	258.2	15.8	
11000	681.3	<b>℃•</b> 2	-14.5	27.2	861.6	n/hn•5	260.8	17.3	1-000000
0.00211	660.5	<b>5</b> .	-17.2	24.5	849.4	1040	20105	18.4	1.000187
12000.n	9-069	<b>3.</b> 1	-19•6 C	21.8	A37.3	to 4 10 to	201.07	1001	1:1:000
1<,000.0	643.7	-1.7	-22.1	19.2	825.5	547.1	9.662	0.00	
13009.	631.5	-2.4	-23.0	17.7	812.0	0.140	257.3	0.80	
13500.0	619.5	-2•6	-24.5	17.1	797.4	240	257.4	20.00	1.00010
14400.0	607.7	-2.9	-24.4	16.5	7A5.1	0411.6	258.0	27.1	
14500.	50c.	-3.2	-25.4	16.0	769.0	2.040	200.7	27.3	1.000175
15000	294.0	-3.5	-26+1	15.4	755.5	039.4	203.4	27.4	1.000172
1550. 100.000	0/0/c	2.4-	-56.9	14.0	742.5	039•1	264.8	27.5	1.000169
164.60	6.790	ភ : ភ្នំ :	-28.1	34.	731.9	u37•5	266.3	27.8	1.000166
17000-1	541.0	7 C T	40.21	3 = = = = = = = = = = = = = = = = = = =	721.4	635.A	207.5	28.5	
17500	550.5	. 4 . 5 . 1		•	1.11,		7.807	29.5	
loope	520+3	-10.0	-33-1	14.0	7 · 00 · 0	527.0	×10.7	301.0	1.0001.8
18500.0	510.r	-11.6	-32.0	15.4	679.1		272.8	33.7	•
19000.0	5nu•n	-12.2	-32.2	17.0	667.3	4.660	272.A	35.4	
19500.	\$ • Ob t	-13.4	-54.1	27.6	650.9	0500	272.3	37.4	
v.0000>	t • 08 to	-14.6	-25.0	34.2	640.0	620.0	271.2	36.2	1.000148
ZU500.0	470.4	# S1-	-24.0	48.9	6.30.6	625.2	2/0.7	38.9	1.000147
~1000°	461.5	116.0	-22.9	σ	450.9	1123.8	271.6	38.8	1.000145
6.1500.C	452.2	-18.4	-24.8	57.1	617.9	0550	273.0	39.8	1.000142
25,000.22	5. • ? ? ?	13.6	-25.03	50.5 5	60B.3	520°ti	274.3	41.9	1.000140
54.30c.sr	( + + C + )	9-02-	-52.5	7.99	590.4	2.610	274.4	45.6	1.000138
2.50pm.n	7.02.	-51.5	٠.	55.8	5A9.1	017.7	Ţ	5n.n	1.000135
0.011.65	* 10° *	->3.5	-29.6	64.5	580.0	610.1	212.1	56.7	1.000133

of OPETIL, COMOTMATES 32+nasts, LAT FLG TH6+09965-1-01-1/EG	I (IDEX OF HEFRACTION	1.000130	1.000128	1.000125	1.000121	1.000118	1.000116	1.000114	1.000112	1.000110	1.000108	1.000107	Chinhani.	1.0001	100000	1.00003	100000 T		1.000092	1.000090	1.000049	1.000087	1 • 0000 A6	1.00004		1.0000+1	1.000079	1.000078	1.00001	1.000075	1.000074	1.000073	1.00001	1.000070	1.000019	1.000067	1.000066	1.00005	1.00004	1.000062
uf ONE TIL. 32+1/1 106+05	PEFU 1901S	63.6	70.6	74.4	76.6	72.0	67.3	69.5	72.2	6.07	86.7	0 F	0° 40° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0		1001	107.6		115.9	120.4	122.5	124.3	121.3	117.8	115.7	113.8	118.0	121.5	118.8	116.0	112.8	ċ	117.3	è.	119.6						
	LIRECTION SALA	270.8	270.1	209.6	2.69.7	369.6	509.6	270-8	2/1.9	5/5.9	273.5	0.672	27.7	2000	2,00.3	202.7	445	2.500 7.000	265.A	263.2	202.7	262.5	202.4	263.0	263.7	204.6	202.5	205.9	£002	266.8	267.3	207.9	268.9	2/2.5						
think think Contid	Stifu of Sothin Kilois	114.0	01300	012.2	010.0	613.3	012-0	010.7	c.60a	5.80g	_	_	_	2.000 2.000	0.500	1.700 1.700	0.710	59.4.5.5 5.9.5.5	5000				2-069	984·4	5839.2									574.8				569.1	568•6	267.0
TABLE 9 Cont	OFTE TTA GRZCHAL PLIFR	571.0	566.0	551.9	6.30.5	527.4	518.5	206.7	501.1	444.6	つ・オルフ・	1.07.5		0.004	461.0	414	7 46 5	410°.	412.4	405.3	396.3	301.4	384 · b	377.8	370.7	365.7	350.9	350.2	345.0	537.6	332.0	320.4	321.0	515.1	309.0	305.0	2.7.5	291.5	200.5	279.0
~ 1	The bold	63.2	1.1.1	45.0	*** c *	17.11	11.7.11	17.0	17.0	17.0	17.0	1.4			17.0			18.7	14.0	16.000	11.7**	÷	3.0*																	
F (1 (5t. <b>00 M</b> DT	PLEATONE DEMPOLIT CENTINE	4.021	500	3.1.6	1.95-	701 10	17 . 1, 1, 1	F + 1, 1, 1	1.45.7	14C.t.	ナ・レカー	7 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6 ·		) : : : : : : : : : : : : : : : : : : :	2000	> 3 • 11 · 1		2 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	.53.6	-55°	\$-64-3	1.54-	47:1.9																	
•	TE SECTION	かっかいー	9.6%-	-263	4.00-	4.01.1	ty•€J.C=	11.2.	# · # . !	#	:		0.00	7 7 7	E office	0	3.50	5.7	C. H.	H-61-	5.01	-42.1	-113.2	-44.3	-65.5	9.94-	-46.9	-47.8	-48.7	5.65	10-10-	2.2.8	C • # 1	1,5.4	4.60	1.7.1	4-0-4		•	o • C · ) i
1114pr. 418	PPESSURE	U • 1 13 m	39.9.5	391.2	585.1	375-1	361.	359.6	355.6	3445	# 1 F.C	336.5		1.0TC	0.00	5000	200-1	200.0	271.6	271.5	265.5	255.6	250.0	240.5	545.6	23/.1	231.8	220.5	221.4	216.3	211.3	200.4	9-102	190.3	196.2	18/.7	185.2	170.9	174.6	170.4
JATTOL ALTITUPE 4126+19 4 1481 - 13 ASCERTLA 40+ 300	of Crit TRac ALTATION PSC FEET	0.4040	2.000 to 2	<500002	45500.6	ליטטווסלי.	åv()(,a>	27un.	27566.5	2800°.	201100°C	0.0000	1-200cz	7. F. J.	2.0000	\$1500.	• DEC 10	35000.5 32500.6	35000	33500.6	34000	24.200.0	35000.0	35500.0	30000	30500.0	37n0n.g	3/.00.0	32000.0	36,00	39000°	C. CO. C. C.	v • CUUD*	40500.0	4.Lu0n.c	41560.r	ú*uUH₹ŋ	46500.0	4.5000.4	7.550A.C

\*\* AT LLAST UNE ASSUMIN RELITIVE HILIPITY VALUE WAS ULED IN THE 147 FINDLATION.

WALLE DAT, ITT-ALLO DUE TO MISSIFF RAW AZIMUTH AM, ELEVATION ANGLES.

×

of ODETIC COORDINATES 52-03959 LOS	100 FOR GOLDEN	Ϋ́	ON SPEED OF THE TOP		1.0000.1	1.000060	1.000058	1.000057	1.000055	1.000054	1.000053	5400001	1.00001	1.000050	1.000048	1.000047	1.000046	1.000045	1.000043	1.000042	1.000041	1.000040	1.000039	1.000038	1.000038	1.00037	1.00036	1.000.1	#5000 ·	\$5000 ;	1.000033	1.00031	1.000031	1.000030	1.000029	1.00n029	1.000028	1.000027	1.000026	1.00025	1.000025	1.000024	1.000023
4	Cont'd		SOUND LIRECTION NUOTS DEGICES(TN)		560.66	56n•1	0.000	565.49	565.8	565.5	564.5	563.4H	0.65.0	566.5	56z•A	56.5.5	564•1	564•6	ერე•ზ	7.500	p•292•4	565•1	9.4.G	9++6	564.5	6.000	56.300	70,700	561.90	560.A	559.7	554.0	557•4	556+3	5.5.5	0.450	550•0	ენტაყ	561.6	563•2	6++90	ებიან	560.1
HPPER AIR LOUA TZ40010109 HOLLOMAN	TABLE 9 Cor	Drustty	METER NE							-	-							_	-						160.1					-							_						103.0 56
		<b>.</b>	CEMPORADE																																								
DOOD MIT THE		Boy I ASH By I I I	DECREE,	•							7.07.	/•0'- • :: ,	C•					1		(20)	C = 20 - 1		1.3.1	10.5	-6.3.6	U+#1	tı • tı·/-	-(4.7	-6.5.1	-65.7	-(50.4)	-f, f • f;	÷	7.001	0.07-	1	- 67-	0.42	0.00	-1.4.) -1.3.0	-61.7	5 C T	( • f)
5741104 LITTUDE 4128. 4 HAY - 3 - 091 ASCE 51.12 100. 179		PRUSSUPL	EILLIONP,	16	16.63	150.	15,42.5	150.0		7 • / ÷ 7		7	2001		12H	12 7	12.1.2	11 / 1	0.1.1	11, 11	10.4	107	104.1	101.6	9.1	90.7	94+3	0.76	H.7 • FI	3/•3	e . ∵	3000	2.1.2	7/10	7,10	7	7.17	. H	1000	4,000	64.8		,
STATION JUSTIN		OF OPIL TRAC	MSL FFL	00000	00',64	45000	o Unit, th	d outling.	00000	* 000Z*	0.001/1		00000	000066	4,3,000.0	Sungar	י ישטילווכ	o outs	1,1500,1	2,000,20	0.0110.70	5,4000	5,5509	54000	5450ñ.1	<b>55000.</b>	ວານປປາ	ն•ՍՍՍՈՐ	າດເກີດ.	5/1000.0	27,700,0	Spinior S	1.0000 0.00083	5.500.65	60000	60500	0.1000.0	6.100.10	0.000.40	0.500.0	c.Snun.c	0.00000	) }

AX WIND DATA IN FLID DIE TO MISSIFIG RAW AZIHUTH AND E EVATION AHGIES.

VEODLTTC COONDINATES 32•ban65 LAT DEG 106•b9965 LOH PEG	INDEX OF REFERACTION	1.000023	1.000022	1.00001	1.0000.0	1.000020	1.000019	1.000019	81900001	1.00017	1.000017	1.000017	1.00016	1.000016	1.00015	1.000015	0100001	410000	1.000014		1.000013	1.000013	1.000012	1.000012	1.000012	1100000	1.0000.1	1.00001	1.000010	1.000010	1.00001			1.00000	1.00000	1.000019	1.00008
CEODL11∟ 32•6 106•0	JA SPEFD KNOTS													18.6	17.4	17.4	2.t.c	01.0	35.4	33.4	26.9	13.4	r.		14.3	6.1	10.0	10.9	8.5	ນຳນ	3.2	B•8	3.5	c. 4	5.0	5.9	a
	WIND DATA LINECTION S LLGREES (TN) N													319.0	304.2	288.3	2,612	2 2 2 2	271.2	270.6	270.3	270.9	28.0	0.73	3. S.	5.00 00 00	00°50	υ•6 <del>8</del>	0.60	0.60	06.th	75.5	65.2	2°9¢	9.64	'n.	4.5.4
Cont'd	Srtfu u- sothin nii018	567.5	560.5	11.000	567.4	Shn•1	Sea-11	364.5	5.070	571.0	571.0	572.0	572.5	576.9	57,00	573.7	1.470	0 - 1 - 1	27.50	575.6	570.5	576.0	577.0	577.5	577.9	5.075	7.070	574.5	580 - 5	581.3	58%.2	5A3.1	584+0	0•GVG	585.3	585.2	>Գնթ•<
UPPEL AIN B., 1 124 naturus 110 LEMAN	DFUSITY 64/CUBIL MLTER	101.4	2.66	3 7 7 6	6.10	89.5	87.1	<b>3.</b> ±8	86.0	78.5	70.5	74.6	72.6	71.0	7.69	67.5	9.60	7	61.0	34.5	56.0	56.6	55.5	53.8	52.5	2•10 2•10	V • 42 = 2	47.5	40.2	45.0	40.0	45.7	9.I.	9.0%	39.0	7.85	37.6
-	RFL HIN.																																				
0909 MOT	1F prinature Alt DEMPOLIT Prink Collinant	1.1	/·/		1-1	-r.0.h	0.03-	(***)	7 · 05 1		-1,7.9	-67.9-	-5,7.2	-50.3	-داره-دی	10 • 30 · 10 · 10 · 10 · 10 · 10 · 10 · 10 ·	-10 • U	# 100 H	0 C •	4.4.7	ti • ti 'a -	-54.1	-13.3	サ・ウェー	1,00.1	T • V · · · ·	0.00	-11.9	-4.1.2	-1.0.5	-119.13	-49.1	4.8.4	1.1.1	#*/*-	<b>-</b> 1	-47-5
.0. 1040 .0. 104	PPESSORE OILL LOARS	1.10	6,000 For the	#•/s	50.0	0.44	53.3	() ก ไข้ () เก็บ	0 • 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0 ·	2.07	47.3	40.5	40.1	6+4	C • ) #	で・ソナ オ	4 L 4 C 2	100	30.2	3/03	30.4	30.6	£•••	30.	3.0.1	2.50	30.00	30.1	23.5	20.8	20.1	21.5	20.9	2002	22.7	20•3	•
57411011 ACHTONE (1120419) 16 847   3 ASCERSION 104 104 0909	SFONETRAC AUTTROC HISC FEET	<b>Ժ*սՍՍԷ</b> Գ	0.00000	0.5000.0	C.C.O. O. O.	005BP+C	0700U	0.000/d	0.00384	0.00004	0.000	700007	701,00	71000.		7.00027	7 \$000.0	0000	0 "CODA/	74500.0	75nBe.	75500.0	/cn000.	76507	0.000//	n-ulicity	7.000.07	7.3000.0	7950n.a	<b>40000</b>	000000	81000°	61500.0	0.000.20	3250F.P	0.0000	45564.0

AX WITH DATA IN ALID DIE 19 MISSING RAW AZIMUM AND L'EVILTION MAINES.

100. D. O. TABLE OF THE CONTROL OF TABLE OF SAIDE OF SAID	TABLE 9 Cont'd  FrigITY STED OF UNINECTION SIMPLE SOUND  ONZETRE NOTES DEGREES THE IN IN
-1; 7 • i,	
<b>~</b> ₽7•6	
-1.1.1	585+1 585+1
7.17.7	585+1 585+0 585+0
1.7.H	585+1 585+0 585+0 584+9
x. /	585+1 585+0 585+0 584+9 584+9
	- = = 5 x x t + 5 x 5 x 5 x x t + 5 x 5 x 5 x 5 x 5 x 5 x 5 x 5 x 5 x 5
110.11	5855-1 5855-1 5855-1 584-4 584-4 584-7
	2000 2000 2000 2000 2000 2000 2000 200
0.00	10000000000000000000000000000000000000
-115.2	585.1 585.1 585.1 584.1 584.1 584.1 584.1
#15+G	5855 5855 5855 5855 584 584 584 585 585
6.44.	5855. 5855. 5855. 5855. 5854. 584. 584. 584. 584. 584. 585. 5
-14.7	5855 5855
9-111-	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1.0 1.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	- = = 5 × × × × × × × × × × × × × × × × ×
U•##1	- = = 5 × × × × × × × × × × × × × × × × ×
-13.4A	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
-1, 3.7	- = = = = = = = = = = = = = = = = = = =
<b>-⊬6.5</b>	- = = = = = = = = = = = = = = = = = = =
4.0.1.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
-13.2	- = = = = = = = = = = = = = = = = = = =
-1,3.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
4.2.4	
*!! 1 • 5	- = = = = = = = = = = = = = = = = = = =
-1.0.6	- = = = = × × × × × × × × × × × × × × ×
-39-4	

I MINGROUP LLWILS	1240010169	ווטרו טועייי	
1	5. TATION 7. LILLIMOL 4126+59 F. ET 415L	TUM 0000 8 YAR 4	ASCE. 51 p. 110. 100

9£00ETIC\_COORDINATES 32\*03465\_LAT\_GEG 106\*09965\_LOD\_0EG

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4972. 16.7 u.c. 66.6 f S 4972. 16.7 u.c. 24.0 u.c. 24.0 u.c. 25.1 u.c. 25.1 u.c. 25.1 u.c. 25.2	DEGRES CENTICARUL 16.7 -7.0 13.0 -10.2 3.0 -10.2 -1.0 -20.8 -3.1 -20.8	; •		
	17.0 110.2 111.7 120.8		of olders (1,1)	STOWN ARTON
	1100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	• •	168.0	5.0
	-110.2 -11.7 -20.8	20.	207.0	0.2
	-111.7 -20.8 -20.8	24.	230.0	¥./
	8 · 0%-	31.	257.2	14.9
	7.36-	21.	201.0	19.7
		<b>1</b>	2:662	<7.2
	-50.0	15.	261.0	5α•6
	-32.2	17.	272.8	35.4
	125.2	51,•	273.5	40.2
	-30.7	62.	270-1	0.07
	-46.0	1/•	272.2	74.3
	-50.4	100	266.7	105.4
			202.0	110.4
			270.0	1,4
			0.6666	0999.0XX
			0•6666	430.466p
			0.6666	7X0.4666
			0.6666	4999.0XX
			0.6666	4999°0XX
			0.6666	XX0.466p
			0.6666	XX0.6566
			0.6666	XX0.6666
			274.8	31.0
			0•68	10.6
			6.44	٥•٥
3752948.0			78.4	4.5
9583743.7			564.6	33.8

AT LEAST ONE ASSUMED RELATIVE HINGIDITY VALUE LAS HALL IN THE AMILEPOLATION. \*

WIND DATA INVALID DUE TO MISSING PAM AZIMUTH AND FLEVATION ANGLES. ×

94 0Ds TLC COGRATINATES, 53-10712 LAT 19EG 106-49511 LOB DEG																																							
۷ ' ۷	RFL-141M.	0.4,	75.0	0.0	0.4	21.0	21.0	31.0	22.0	16.0	15•0	17.0	25.0	54.0	79.0	70.0	51.0	0.62	22.0	21.0	22.0																		
STGULFICAGT CLVIC JAIA JALLEH TABLE 11	TERPERATORE IR OLWPOINT PEFS CFNTIGRALE	<b>7</b>	-7.5	2:1	-2.8	-/•0	-10.3	-14.5	1.22-	-23.5	-20.7	-33.5	-5()·-	-58.5	-20.5	-30.4	-54.1	0.04-	-46.3	9.64-	ç•>ç-																•		
STGULF TO UAL TABLE	TERPL AIR DEGREES	14.1	13.8	13.0	12.6	14.4	11.2	5•9	-4.3	13.4	-6.4	-13.4	-14.6	-22.5	0.96-	-26.6	-27.1	-27.5	-27.5	-35.1	-30.0	144.0	11.44.	-60.6	7-62-7	-61.5	-65.0	-63.0	-61.7	-61.9	4.5.7-	b•0/-	-/1.5	3.07	1004	F. 03.6	0.07	-4.7	-117.0
נכד	PRESCHIE GEOGRETOLE ALLIANE ILLIAMES BOL FEET	0 • T <u>5</u> D b	4215.7	4621.5	4.190.17	5311.3	7165.1	10186.7	13140.2	13480.5	15757.7	18670.5	20095.5	22724.1	2400001	24328.1	24680.9	25550.0	250g1•3	5) "bu•/	33155.9	57,64.1	40007	421172.9	44174.5	4.5019.4	49673.6	52125.5	52730.9	54144.3	26378.5	C.NCRNC	0.5T.200	C. 50.50	03401.6	0 10 101	78031.4	87594.7	91553.3
0830 MDT	PRESSARE	87., 5	071.3	4.460	0.000	637.4	7.02.4	760.0	0.54.0	6.44.9	5,46,7	u*v00	476.1	427.7	S. C.O.	U • U 0 1;	1.000	379.0	0.475	0.000 0.000	273.7	1000 1000	0.00	177.6	163.4	150.0	120.4	110.4	106.6	100.0	y•68	2.01	7.0°	U* u /				0,00	16.7
\$TATION ALITHUL "1 4 - 48Y - 5.3 55CE - 51 - 11 - 104 - 71																																							

	RECEIVE	TEMPERATURE AIR DEWEGAN DERREES CLUTTORANE -40.3	PAUSSARE OF ORETAIC ALTITULE A ILL HOARS EST FFEL 12.8 101259.5
		TEMPERATURE AIR OFWILLIA	PAUSSARRE OF ORETTA OF ALTATA E
196+49511 LON DEC		TABLE 11 Cont'd	•00
9F0DLTIC COROLIGATES		1240050071 JALLEU	.3   1976   1970   25   25   25   25   25   25   25   2
	17 'Y'	SIGHIF ICART LEVEL A	

9FODETIC COORDINATES 53-10712 LAT 1EG 106-49511 FON DEG	WIND DATA TIDEX RECTION OF SPEED OF SPE	40.0 4.1 1.000265	1.0	•		17.2 3.0 1	7 C.	3.0 3.0 7.4 7.8 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	3.0 5.4 7.8 10.7 10.7	3.0 3.0 7.4 7.8 10.7	9.00 7.88 10.44 10.57 110.55 110.55	9.00 5.44 10.77 10.77 10.57 110.59	3.0 5.4 7.8 9.4 10.3 10.3 11.3	3.0 5.4 7.8 7.8 10.5 10.5 10.5 11.3 11.3 11.3	10.55 10.55 10.55 10.55 11.35 11.35 11.35 11.35 11.35 11.35 11.35 11.35 11.35 11.35 11.35 11.35 11.35 11.35	10.5 10.3 10.3 10.3 10.3 11.3 11.3 11.3 11.3	3.0 0.4 7.8 10.7 10.7 110.3 111.3 114.6 116.1	3.0 5.4 7.8 10.7 10.5 10.5 11.3 11.3 12.0 16.1 16.7 19.2	3.0 9.4 10.7 10.5 10.5 10.3 11.3 11.3 11.3 11.3 11.3 11.3 11.5 11.3 11.3	3	2.0.0 1.	3.0 9.4 9.4 100.3 100.3 110.3 110.3 110.4 110.2 110.2 110.2 110.2 110.2 110.2 110.2 110.2 110.2 110.2 110.3	2.0 9.4 9.4 100.3 110.3 113.0 113.0 110.3 1	3.0 9.4 9.4 100.5 100.5 110.3 113.0 113.0 114.2 116.2 119.3 119.3	2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4	2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2	2.0 9.4 10.3 10.3 11.3 11.3 12.0 12.0 13.0 14.0 16.1 16.2 17.4 17.4 18.0 19	2	2.4 1.0002 5.4 1.0002 5.4 1.0002 10.5 1.0002 10.5 1.0002 10.6 1.0002 14.6 1.0002 15.0 1.0002 16.1 1.0002 16.2 1.0002 16.2 1.0002 22.8 1.0001 22.8 1.0001 28.2 1.0001 29.9 1.0001 36.1 1.0001 36.1 1.0001 36.1 1.0001 36.1 1.0001 36.1 1.0001 36.1 1.0001	3.0 5.4 5.4 1.0002 10.5 10.5 10.5 10.5 10.6 11.3 11.0 11.0 11.0 11.0 12.0 12.0 12.0 13.0 14.6 1.0002 18.2 1.0001 18.2 1.0001 18.2 1.0001 18.2 1.0001 18.2 1.0001 19.2 1.0001 19.2 1.0001 19.2 1.0001 19.2 1.0001 19.2 1.0001 19.2 1.0001 19.2 1.0001 19.2 1.0001 25.8 1.0001 28.2 1.0001 28.2 1.0001 28.2 1.0001 28.2 1.0001 28.3 1.0001 38.6 1.0001 38.6 1.0001 38.6 1.0001 38.6 1.0001 38.8 1.0001 38.6 1.0001
	SPIFU OF WIGHT DOUGH OF WIND O	661.2	06(11)	1.659		5 5.090	059•7 2	666.8 059.7 2 058.7 2	059•7 059•7 058•7 057•7 051•3	050+8 059+7 050+7 057+7 050+3	060.8 054.7 058.7 057.7 050.3 054.7	0566.4 054.4 054.4 054.4 055.4 055.4 055.4 055.4 055.4 056.4	060°8 054°7 054°7 057°7 057°7 051°3 051°3 049°4	0666.8 054.7 054.7 057.7 051.0 051.0 049.9 040.8	060.00 050.00 050.00 050.00 050.00 060.00 060.00 060.00	060.00 0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	060.00 050.00 050.00 050.00 060.00 060.00 060.00 060.00	0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00	0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00	0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.000 0.000	0.000 0.000	0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00 0.000.00	0.000 0.000	0.000 0.000	0.000 0.000	0.000.00 0.000.00	0.000.00 0.000.000.00 0.000.000.00 0.000.000.00 0.000.000.00 0.000.000.000 0.000.000.000 0.000.000.000 0.000.000.000.000 0.000.000.000.000 0.000.000.000.000 0.00
124000001 JALLETT TABLE 12	DFNSITY GMZCUBIC METFR	1060.1	1040.0	10201	1007.2	1.766	077.	5.176	977.3 962.0 943.1	977.5 962.0 949.1 936.6	977.5 962.0 944.1 936.c 923.0	977.5 962.0 949.1 936.2 925.0 971.1 890.8	977.5 972.0 943.1 936.0 923.0 911.1 896.8	977.5 962.0 943.1 975.0 975.0 971.1 890.8	977.5 962.0 943.1 975.0 975.0 971.1 890.3 874.3	977.5 962.0 943.1 976.0 976.0 9711.1 874.3 874.3	97,7.5 97,7.5 962.0 944.1 936.2 973.0 811.1 880.7 861.7 861.7 861.7 837.1	962.0 962.0 962.0 973.0 973.0 911.0 890.1 861.7 861.7	962.0 962.0 944.1 977.5 972.0 911.1 890.1 870.1 837.1 837.1	962.0 962.0 962.0 977.5 977.5 977.5 890.7 861.7 837.1	962.0 962.0 962.0 977.3 977.3 976.0 976.0 837.1 837.1 837.1	962.0 962.0 962.0 977.0 977.0 976.0 830.7 861.7 874.0 781.0 761.0	97,71.5 962.1.0 944.1 976.1.1 976.1.1 876.1.1 837.1 791.0 761.0 761.0 761.0 761.0	962.0 962.1 972.1 976.1 976.1 976.1 876.3 871.1 876.1 791.0 776.1 776.1 776.1 776.1	9 66 77 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9 66 7 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9 66 7 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9 6 7 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9 6 7 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9 6 7 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9 6 7 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9 6 6 7 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9 6 6 7 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9 4 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	9 4 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
۲	ERATURE RELIGIONS DESPETIT PEPETITI	0.00 p.	-7.0 S4.6		7	-8.5 21.0																										(			
0830 MDT	P 4 AIP AREC	1.4.1				13.2																									,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
(11952, 173) 30. / //	PPFSJER offerbasser	N10.5	4. 6 7 (4)	940.	7.21.7	/ • o I a	7.84.65		17300	77,500	770.57 759.1 740.1	770-5 769-1 760-1 731-5 710-3	770.5 759.1 760.1 731.5 710.0	770.5 759.1 760.1 731.5 710.3 771.3	770.0 759.1 759.1 751.5 731.5 710.0 710.0 671.7	770.0 750.1 750.1 731.5 710.0 710.0 671.7 650.6	770.0 759.1 759.1 731.5 731.5 76.0 671.7 650.8 640.9	770.5 759.1 759.1 731.5 731.5 770.5 650.8 650.8 620.9	770.0 750.1 750.1 731.0 731.0 730.0 770.0 650.0 650.0 610.0	77 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	77 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	770.5 750.1 750.1 731.5 710.3 710.3 670.5 650.3 670.3 670.3 670.3 670.3	770.0 750.0 750.1 750.1 710.0 710.0 710.0 650.0 650.0 670.0 670.0 670.0 671.0	770.0 750.0 750.1 750.1 710.0 710.0 670.0 650.0 650.0 610.0 610.0 540.0 540.0 540.0											
STATECT SETTINGS FORK ON ASCENSION (10)	of our TRIC AUTHOLE ESCHEET	4051.	4700.	20000	1.000	0 00000	70007		7500.0	3000.0	7500.0 3000.0 0500.0	7500.0 8000.0 0500.0 9000.0	7500.0 3000.0 0500.0 9500.0	7500.0 3066.0 5566.0 7660.0 9500.6 10500.7	7500.0 3000.0 0.000.0 9000.0 9000.0 11000.0	7500.0 3000.0 0.500.0 9500.0 11000.0 111500.0	7500.0 3000.0 0.000.0 9000.0 9000.0 10000.0 11500.0	7500.0 3000.0 0.500.0 9500.0 10500.0 11500.0 12500.0	7500.0 3000.0 0.500.0 9500.0 10500.0 11500.0 12500.0 15500.0	7500.0 3000.0 9500.0 9500.0 9500.0 11500.0 12500.0 15500.0	7500.0 3000.0 9000.0 9000.0 9000.0 1000.0 11000.0 12500.0 14500.0	7500.0 3000.0 0500.0 2500.0 10500.0 111000.0 12500.0 15500.0 14500.0 14500.0	7500.0 3000.0 9500.0 9500.0 11000.0 11100.0 12500.0 14500.0 14500.0 14500.0	7500.0 3000.0 9500.0 9500.0 11000.0 11100.0 12500.0 14500.0 14500.0 14500.0 14500.0	7500.0 0.500.0 2500.0 2500.0 11000.0 12500.0 12500.0 14500.0 14500.0 14500.0	7500.0 3000.0 9300.0 9300.0 1000.0 11000.0 12500.0 14000.0 14500.0 14500.0 14500.0 14500.0 14500.0	7500.0 3000.0 2000.0 2000.0 2000.0 11000.0 12000.0 15000.0 14000.0 14000.0 17500.0 17500.0	7500.0 3000.0 2000.0 2000.0 2000.0 111000.0 12500.0 12500.0 14500.0 14500.0 14500.0 17500.0 14500.0 14500.0 14500.0	7500.0 3000.0 9500.0 9500.0 10500.0 11500.0 12500.0 14500.0 14500.0 15500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0	7500.0 3000.0 2000.0 2000.0 2000.0 1000.0 11.000.0 12.000.0 14.000.0 14.000.0 14.000.0 14.000.0 14.000.0 14.000.0 14.000.0 14.000.0 14.000.0 14.000.0 14.000.0 14.000.0	7500.0 3000.0 2000.0 2500.0 2500.0 110500.0 115000.0 12500.0 14500.0 17500.0 17500.0 17500.0 17500.0 17500.0 17500.0 17500.0 17500.0 17500.0 17500.0 18500.0 18500.0	7500.0 3000.0 9500.0 9500.0 10500.0 111000.0 12500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0	7500.0 3000.0 9500.0 9500.0 10500.0 11500.0 12500.0 12500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0	7500.0 3000.0 48000.0 10000.0 10000.0 110000.0 12000.0 14000.0 14000.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0	7500.0 3000.0 7500.0 7500.0 10500.0 11500.0 12500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0 14500.0

9EODLTIC COUNDINATES 33-1×712 LAT DEG 196-49511 LON DEG	ILLOFX OF KHFRACTIOL	1.000131	1.000128	1.000124	1.000121	1.000118	1.000114	1.000112	1.000110	1.000108	1.000106	1.000104	1.000102	1.000100	1.0000a	٠						1.000057	1.000000	1.900092	1.0000.1	1.000079	1.000078	1.000076	1.000075	1.000074	1.000072	1.00001	1.00070	1.000068	1.0000.7	1.00006.6	1.00005	1.000062
υξ ΟΒ <u>ι. ΤΤ</u> ς 33+1 1η6+4	OPEEU MIOTS	52.9	7.60	0 • / 9	72.1	76.5	76.2	77.1	79.0	83.6	89.4	4.76	104.2	109.4	113.7	115.9	118.4	121.4	124.3	125.8	127.3	126.4	123.5	121.5	119.9	118.6	119.2	122.2	126.7	133.1	139.4	145.4	151.4	157.0	161.3	162.1	0.50	133.0
	MIND DAIN DIRECTION S DEGREES(TW) R	c71.7	0.1,2	2/0.1	269.1	C - 120.7	70.6	272.7	74.4	7.412	274.3	273.1	271.9	5/0.4	0.69>	207.4	202°4	204°6	263.4	262.to	6.10.7	201.7	91102	201.6	202.1	202.4	562.9	263.6	504.3	265.0	205.7	266.5	201.1	507.6	268•U	208.2	C . # C	268.2
U.TA 71 Cont'd	Sother Sother NNOTS	012.4	0.TTQ	011.0	010.7	o <b>11</b> .	=	COB•1	60/01	1.000	600+2	2.509	5000	5.500	6011.2	C00-1	6.069	20169	5000	995•0	593.3	591.0			5.085			582.3	28(1.0	579.0	577.3	575.7	574.1			569•5		567-1 566-3
TABLE 12 Cont	JENSTTY SMZCUBIC METER	571.3	100	/•0cc	539.7	か・1 × 0	70.00 0.00 0.00	n•66h	n•06t <sub>i</sub>	481.9	473.2	464.7	456.3	446.1	440.1	432.5	424.5	410.9	404.	402.5	300.0	399+3	176.0	360.7	361.7	354.9	340.0	342.4	3.30.4	330.6	324.8	319.1	513.2	307.4	301.8	296.5	7.00%	278.5
- <del>Б</del>	NEL-MING I	78.9	2000	5.24	30 .3	20.5	× 1 0	21.7	21.6	21.5	21.4	21.3	21.2	21.1	21.0	21.2	21.4	21.7	21.9	18.3**	17.6+	**5.	•															
6. 1 FISE	TEOPERATUPE 8 DEMPOTAT FEO CERFICRADE	-20.5	1.22.	36.40	0.05-	0.03 0.03		1	20-5-1-	6.044-	0.64	-47.5	U•841-	P.64-	2.64.	2.05-	4.116	-51•6	-52.	454.6	-54•r	164.6	7 • tı / -															
m	TE 1P A LS DE GREEG.	0.00-	n : 0 / 0	へ・ ハ・	ر•/ن- ر•/ن-	V •	2000 2000 2000 2000 2000	-29.5	-10.3	41.1	-31.9	-32.7	-33.4	-34.5	0.52	6.5%-	-36.B	-37.3	7-8	5.65	-41.2	742.5	K - 22 -	7-51-	-116.5	-117.3	-48.5	1:2.0	0.1.5	-52.3	-13.5	B. 4. 1	1,6.0	-5,7-3	۲. نازید نازید	G•63-	۰ د	1,1,0
1119b45	PRESJURE HILLIONRS	400.0		23. 7	7.020	0.770	357.1	344.6	542-1	334.1	321.9	320.B	314.0	307.4	300.9	294+3	280.0	281.1	27,0.6	269.	263.5	25/•/	2020	240 · B	235-4	230+1	224.A	217.6	214.5	209.6	204.7	200°	195.3	190.6	1,061	181.		160.9
STALLOW ALLITUDE 4551+10 4 - 4AY - 43 ASELTSI 11 110+ - 71	6E0-#TR10. ALT119cc 4SC FEE1	23000°S	7.000 p.	2.0003	v.000.03	3.000	7.0007	2 14,00 m	J.00005	C-00cc2	.9nnn.	29,000,67	3000u	ეიესი ი	51000.0	51500.0	32000	32500.0	33000°C	3350n.n	34000·G	34500.0	5 (00) (A)	20000	30000	37000.0	J750F.F	J. 00000	301,0C	Ú*UU'''	3950n.r	v.0000÷	40500.5	41000.0	41.00.	J•00U>₽		4.5500.0

\*\* AT LLAST ONE ASSIMED BELATIVE HINDITY VALUE WAS U. FOR THE POTENCIALIONS.

SEODETIC COORPINATES 33-16-712 LAT FEG 166-64-64	100 NOT 1100 NEG	Inurx of REFEACTION	1.00001	1.000059	1.400058	1.0000.1	1 • ^ 00045	1.000054		1.000050	1.000049	1.000048	1.000047	9000001		1.000042	1.000041	1.000040	1.000039	1.000038	1.000037	1.000035	1.000035	1.000034	1.000033	1.00032	500000 T	1.00083	1.000030	1.000029	1.000029	1.000028	7.20mm.1	1.0000.5	5.0000-1	1.000034	1.000023
VEODETI.		TA SPFEU KIJOTS	114.1	96.1	95.4	7.116	108.0	121.4	131.1	121.3	108.4	96.2	26.0	7.5	0,4	60.1	56.1	53.6	52.7	53.9	0 to 1	54.3	9.49	68.1	70.9	73.5	74.6	73.3	70.3	64.1	58.0	51.3		0.5	33.4	30.7	28.1
		WIND DATH STEER STEER STEERS	268.0	207.7	200°	205.9	5.05.5	204.7 205.1	200.5	200.0	208.1	269.9	272.1	274.6	275.7	270.B	276.3	240.2	9.102	282.4	282.4	0.002	275.6	272.7	270.4	268.4	2002	8°53.	200.1	267.8	209.B	273.1	******	20102	269.3	290.3	291.0
V	Cont'd	SPEEU OF SOUND KNOTS	565	565.5	566.1	566.7	067.00	260.00 2000.00	564 · b	563.h	963.0	2.749	799	U474.	C. COC	569.5	564.6	565.7	960.5	560.4	560.5	0,000	0.000 1,61,00	264.0	8•c9¢	261+8	9.600 1.600	2000	574.0	554+1	1550+7	ສາກ ສາການ	٧٠ <del>٠</del>	0000	0.00	562.1	564.3
19 Pt Adm. 15,1A 126 P 3 p p 7 JAER 13	TABLE 12 C	1811, Fult (1815, 117 S) 1-ERCEUT (277, URL) 1811, 181	274.5	265.6	25d+9	252.1	745.7	7#0°4 735°7	230.1	725.2	220.3	215.0	210.1	2°500°	0.401	1.681	184.2	1-621	5.471	1.0.1	1991	7.201	0 * 7 S. C.	151.4	140.2	3.041	142.0	137-8	138.0	131.8	120.7	4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00	1.201	110.4	7.01	107.3	103.9
0830 MDT		TCJER/UNE ADS DEWPOLIT DECRELS CENTICKADE	7.2.5	40.79	1620	-F-1-6	-6.1.3	0 · · · · · · · · · · · · · · · · · · ·	1.00	-1.3.7	6.4.9	6•119-	- F. th • 7		7-5-3-	おものごし	-1.3-1	-62.5	-6.1.7	-71.B	0.101	T • V • T	0 to	-63.1	-43.7	165.2	166.6	# 63 -	-70.5	-70-H	-71.2	71-1		2000 0000 1000	: c. c	-65.0	-6 3.4
11114pr. 4c 5		PPF.SSUR <sub>L</sub>	12.751	160.8	150.9	150.1	144.4	140.8	130.4	135.4	132.	120.0	120.7		110.7	113.0	1111.1	10001	10. 2.01	10.01	100.	0.00	9.00	91.3	83+1	9 0 1	· · · · · · · · · · · · · · · · · · ·	84.6	70.5	70.6	74.6	76-77	(	1.60	6.09	64.1	5.79
STATION ALTITUDE 4:51 4:557 (3 550:51 E. 10. 71		OF UNE TRACALISM OF THE FEET	1.001144	44509.5	45000.0	45500.1	40000	47000	47500.0	445000.0	485,00.6	49000.F	470074	3,410,000	51000.0	51500.0	52000.r	25500.00	55000.0	53500.0	54600.0	9.00044	0.00000	56000.0	50500 n	5.70(in. n	57500.n	54500 P	59000.0	57500.0	0.000ta	0.00000	3,000,0	0.00050	04500	63กกุก.ก	0.3504.0

VEOUITIC COUNTHATES	166+49511 CON EEG	INUFX OF REFPACTION	1.000000	1.00000	1.0000.1	1.000021	1.000020	0.00001		1.000018	1.000018	1.000017	1.000017	1.000016			1.000015	1.000015	1.00001	41.000.1	1.000013	1.000013	1.000013		10000	2100001	1.000011	1.000011	1.000011	1.000010	1.000010	1.0000	1.000010	1.00000	1.000000	1.000009	60000 F	1.000008
uf 001 11 33•	106.	SPEED ANOTS	25.7	23.4	19.9	15.4	10.9	1 t	6.9	11.4	15.9	17.9	20.0	17.0	11.	9.9	- C	D 0	20.6	26.5	29.1	31.6	31.7	27.0	> · · · ·	12.2	9•9	٥. ٥	7.4	д•В	o i	o :	<b>7</b> :	بر و و	9.2	P. 6		8.0
		MIND DAIN MINECTION SE DEGICES(TW) N	289.1	365.b	204.1	584.4	3.000 2000 2000	347.4	36.3	53.6	60.2	45.4	. #o	62°4	0000		1.020 0.040	2.17.	6.802	267.3	207.1	207.1	201.0	200.2	1.00%	C. 40%	200.7	250.2	129.7	102.3		5.00	1.00	7.76	97.6	0000	3.60	293.5
6.6.1A 7.i	Cont'd	Serfer or Sotton KNOTS	565.3				269.5 269.5		9.699					270.4			27.61	57.00	573.4	573.8	574.5	574.0	0.00	7.0	272.	570.7	277.1	577.5	577.4	570.3	276.7	219.6	0.607	0.000	5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	50.00	5.4. S.	5.2Hc
JEPER ATH JULTA 1240050071 JALLER	TABLE 12 (	DFNSTTY GMZCURIC METER	101.0	96.5	2.00 2.00 3.00 3.00 3.00 3.00 3.00 3.00	9.4.0	70.2 RU.1	80.0	84.0	A2 • 0	79.9	0.07	0.07	72.4	70.5	66.7	67.0	65.3	63.7	1.29	60°6		3,1,5	54.7	53.4	52.0	20.1	3.65 3.65 3.65	5.00	T•/#	7 - 2	2	42.4	0.7t	0 1 0 0	34.0	30.6	37.7
-	1	NE L. HOM.																																				
51+70 F; 11 5L 0830 MDT		Tegginatuse 715 DEMPOTAT DECRES GEATEGRADE	75.2.6	C - T - T	2.09-	#•6 I	4.9.4	5.60-1 1.00-1	( A & )	3.55 	J•65-	-5,60.7	##4-	-138-1	-57.A	-57.5	-4.7.2	-56.0	0.001	> 0 •	9.53.		-1,5.0	-54.7	7 · th'; -	0.4.1	7 • C ·	1.33	× - 0.1	1,20	1.2.1	ਸ• <b>!</b> '-	-01.5	,1.3	-50.8	5.0	1.0.	₩•6 <i>1</i> -
11 <sub>50</sub> , 11.		3	61.0 51.0	: :	50.7	5,001	e + + in :	52.1	5.116	0.00 4.4.1	5.7.7	40.4	40.4	0.44	40.6	g • 7 b	41.5	9.04	339.0	3.4.5	30.9	30.0	3,02	**	ر د وري	7.50	2.15	30.5	27.0	23.1	20.4	21.8	27.1	20.5	25.0	÷	• •	2.4.2
STATION ALITHUL 4 EAY 8.5 65CHSLUTHO.			0.000tha	0.000	65500.0	5°40'00'0	0.500cm	071880 07180	3 00000	0.0000	6.000v.6	0.3560	70000	Zubija, c	/1000.0	71.000.0	(500m)	7 5000	7.500.2	(4000.7	74500.	75000,0	75500.0	( อกกก	77,000	77500.0	75000.0	7050n.n	79000.0	7'9500.9	մարդ <b>,</b> բ	მინიი•ი	91000°	91500.0	82009.0	0.2500.0	7.000g.n	u*fallero

∪€0DETIC €00\01UATES 53*i\\712 ±A1 ±E6	106-49511 LON DEG	True X Of Of True	M THACH LOS	1.000008	1.000008	1.000008	1.000018	1.000001	1.000007	1.00007	1.000007	1.00007	-	1	1	1.000000	1.00004	1.000006	1.000000	1.000006	-	1.000005	1.000005	1	~	-		~	_	-		_	1.00004	1 • 000004	1.000004	1.000004	1.000004	1.000.1
VE 0DE T	106	SPEEU SPEEU KOOTS	1	13.0	16.1	19.6	16.5	17.6	14.4	10.4	9.5	0.7	10.1	11.3	<b>6.1</b>	3.4	2.4	7.8	12.3	16.9	21.4	24.0	24.3	24.6	24.8	25.1	25.3	22.5	25.8	74.	27.6	28.6						
		AIND DATA	וורפוררם ניונו	4.562	292.0	294.7	100،	1,000	516.2	350.2	14.0	0.60	55°4	9•69	70.4	83.8	235.2	247.1	6.642	251.1	251.6	251.8	251.0	2,00,7	#*6#Z	7.00%	8.20Z	2.4.67	7.00.4 7.00.4	1.662	201.3	203.3						
٨١٠٨	12 Cont'd	SEEEU O. SOUND SEEEUTS		5,900 cm	585•1	583.5	583.9	584.4	584•8	585.5	585•6	585.7	585•8	585.46	585.8	585.6	5,650	545+8	585+9	580.3	580.	587.2	26/40	580.00	580.5	5886	#•68G	2000	5.000	/ • D 5 G	7.160	9-165	0.269	592.5	592.9	593.4	H+164	20100
UPPER AIR BALA 1249038071 JALLEN	TABLE 12	DENSITY S GMZCUBIC METER		30.8	35.9	35.0	34+5	ئ. ئ.ئ.	34.5	31.7	31.0	30.3	36.6	20.9	28.5	2/.6	D-12	700	30.00	25.4	24 · c	24.0	23.4	22.9	2.26	2.1.2	200	0.07	?• • • •	0.61	19.5	16.9	10.4	18.0	17.6	17.2	16.8	10.4
-		NEL.HUM. PERCENT																																				
51. 30 F   1 H.S.L. 0830 MDT		If HERAIDS LIS DEMPOLIT DEPRESS CONTRADE		S. S	2.64-	-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	\	5. • / ti-	C.//!-	2.14-	1 • / = -	• / ti-	1./21	[ • / b_	11 • 1 to 1	0.61	0.74	0.77	1.60.1			/ • ch-	0 • 0 • 1	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	e de la companya de l	0.00	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	0.4.21	2 C 7 T	2 0 2 4		2.25	5° 1 ± 1		2•In-	¥ . O . C . I	
Une. '1	•	PRESSURE BILLINARS		g • 0	23.1	25.00	27.0		5.1.0	2 • OV	- • • • • • • • • • • • • • • • • • • •	۲. ۲. ۲. ۲. ۲. ۲. ۲. ۲. ۲. ۲. ۲. ۲. ۲. ۲	\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.	c • o •	0.0	. L.		1	) î		) ) )	C	····	 			1.107	1, 4, 1				1.50	10.	11.7		11.	2.4.1	. 01
STALLOU FLILLING B		OFONETIES ALTITUS NSE FLES		~ • • • • • • • • • • • • • • • • • • •	0.000.40	1. TORIO	n.nhcco	1 0 0 0 1 m	7.0000 H	7.00 M	7.00070	3•11000	0.0000x	Mer oo	0.00000	7 0000	0.00000	00010	1 100 TA	2.000.6	3,5000.0	0 00463	of education	0.000486	0.00046	0-00446	90000	Supplier.	97000.9	47500	90000F	0 000000	0.00000	0.011100	100000		101000.0	

5741300 541111954 4 51.00 F, FF, SE 4 EAY E3 ASCE 51 6 60. 71	ਤ <u>ੋ</u>		PALPATOPT LEVELS 12440030074 JALLEN TARIF 13	Lvits 74		VEODETTL COONDITIATES \$3*1n712 LAT LEG 106*49511 LON DEG
	,					
FIRESTURE 6	FRESCURE GEOFOTHILIA,	11.31	TE' 4 FRATURE	•	NIM	WIND DILLA
MILL IF ARS	FLET	ATP UE GREFIS	AIP DEWPOILI UEGREFS CENTIGRADE		OTRECTION (FEGICES (TN)	JN SPELD IN) KNO15
** 1.4.4 a	48.15.	12.6	-2.tb	34.	168.4	•
0.00€	1056.7	12.2	<b>⊅.</b> ℃−	. I <	224+3	1,3
750.4	6328.	A.0	-10.9		235.0	10.4
700L	10177.	3.0	-12.5	31.	0.692	5.0
659.	12128.	۲.۱۰	7.01-	2:	255.9	1/.6
υ•(ii) t	14214.	0.1-	-56.1	10.	202.0	9.72
L 56.40	16441.	0.0-	-50.1	15.	205.9	0.00
v•00 ±	18H45.	-13.4	-33.2	17.	272.1	34.5
450.0	21446.	-1E-A	-28.9	• O <del>1</del>	272.0	30.7
u•\03	542A9.	-26.6	-30.4	70.	271.4	57.1
450.	274.9.	-20.5	** to to —	22.	272.6	0 / /
H- 105	olur7.	1.00	149.0	51.	260.8	114.0
L+0.00	35164.	-1111-			201.5	124,8
ए•?⊕&  -	39909.	-54.A			206.4	140.3
175.0	42069.	-61.0			268.3	155.1
0.101	45734	-61.2			565.4	165.3
120.0	49474	-61.6			272.0	b2.4
107.	53931.	-61.0			282.0	56.5
c•08	58451.	-69.R			205.7	72.0
70.07	61048.	-70.F			279.7	45.1
J•39	64119.	-62.0			287.1	2.4%
50.0	67853.	-57.6			55.1	12.1
10th	72463.	-56.7			270.2	17.3
36.05	76500.	-55.4			105.8	5.1
C-02	82372.	-50.3			3.6	1.4
20.0	87175.	-47.1			18.0	£.0
15.6	93055	ド・ンサー			250.4	24.5

\*\* AT LLAST ONE ASSUMED RILLITUR HILLIDITY VALUE WAS LUED IN THE INTERPOLATION.

